

Technical Data Sheet

EKOSIGNOL

High quality thin film coating for horizontal road marking



product description:	EKOSIGNOL paint for thin-layer horizontal road marking is a homogeneous, air-drying acrylic coating with fast drying, good elasticity and coverage, excellent adhesion to any road surface and resistance against traffic caused decaying. EKOSIGNOL fully satisfies the strict requirements for environmental protection determined by the "Technical conditions for works on the implementation of horizontal road marking" (Hrvatske ceste and IGH, Zg 1993) under point A.1.1. ("Colour Quality Conditions").
intended use:	EKOSIGNOL is used for the production of thin-layer road markings and horizontal signalization. The surface on which the paint is applied must be dry, clean, free of dust, salt and oil residues.
assortment:	It is produced in white and yellow shades, and by applying the Top Mix system for machine tinting CHROMOS-SVJETLOST, a whole range of shades can be obtained.
product characteristics:	Good coverage Washable
thinner:	EKOSIGNOL THINNER– max. 5 % thinner
coverage:	1.8 - 2 m ² /l for 300 µm dry film thickness (cca 560 µm wet film thickness) – horizontal road marking 4 - 5 m ² /l concrete horizontal surfaces, garages, depending on the roughness of the surface
density:	1.56 ± 0.03 kg/l (EN ISO 2811-1)
non-volatile-matter content:	min.75% by weight (EN ISO 3251) min.56% by volume
volatile organic compounds content (VOC):	410 g/l (EN ISO 11890-1)
working conditions:	The works are being carried out at air temperature from +10 °C to +40 °C, relative humidity max. 85 %, surface temperature +5 °C to +45 °C.
surface preparation:	The surface on which the paint is applied must be dry, clean, free of dust, salt and oil residues. Mechanically remove old paint that is not well bonded. New asphalt surfaces should be at least 28 days old. Then apply EKOSIGNOL on the surface, all according to the manufacturer's instructions.
material preparation and application:	Stir the material in the original packaging before use. EKOSIGNOL paint is applied by pneumatic spraying, manual or automatic devices. When working with paint, the use of goggles, protective gloves and an aerosol mask is mandatory. Handle paint as a highly flammable material! Glass beads for night visibility are applied by sprinkling on wet paint - 5 seconds after applying the paint. Bead consumption: 400 g/m ² - with Ekosignal coating thickness of 400 µm wet film (Type I) 480 g/m ² - with Ekosignal coating thickness of 600 µm wet film (Type II) Immediately after finishing work, wash the tool with Ekosignal Thinner. For any additional info, please contact a Chromos-Svjetlost technical advisor.
drying time:	The drying time of the coating is 15 minutes (20 °C and relative humidity 65 %), and the curing time is 30 minutes (20 °C and relative humidity 65 %). Depending on the weather conditions, this period may be extended.
safety measures:	Wear protective equipment. Keep away from heat and sources of ignition. Prevent leakage and spillage into watercourses and drainage systems. Do not use tools or

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	machines that may produce a spark. Avoid heat, sparks, static electricity, flames and contact with strong oxidants. Read the Safety Data Sheet before use.
transport and storage:	Store in a dry and well-ventilated place out of direct sunlight at a temperature of +5 to +25 °C.
shelf life:	In unopened packaging 2 years from the date of manufacture.
product/packaging disposal:	Empty the packaging completely. Dispose of in accordance with valid regulations to an authorized waste collector.
quality control:	Product quality characteristics are determined by internal production specifications, as well as European and Croatian standards. The product is under the constant supervision of factory quality control Chromos-Svjetlost d.o.o.
disclaimers:	<p>Technical values refer to basic products. Tinting the product may cause minor deviations in certain technical characteristics. Depending on the properties of the substrate and the method of application of the product, minor deviations in shade in relation to the tone chart are possible. The product shade should be checked on a small test surface before use, as we will not be able to accept any subsequent complaints.</p> <p>Before using the product, please check its quality. In case of any major deviations from the declared properties of the product, stop the use and contact the manufacturer; otherwise any subsequent complaints will not be accepted.</p> <p>Technical data are the result of our technical and experimental knowledge, and are provided with the intention of achieving optimal results in working with CHROMOS-SVJETLOST products. The data does not contain a legal or secondary obligation of the manufacturer nor does it release the user from the obligation to check the suitability of the product for particular purpose. Due to the use of natural raw materials in our products, minor deviations from certain values are possible for individual deliveries. Contact our Technical service before use on substrates not listed in the accompanying documentation. The manufacturer reserves the right to make any subsequent changes to the Technical Data Sheet. Only the latest edition is valid. Updated Technical Data Sheets can be found on the website www.chromos-svjetlost.hr or can be requested from the manufacturer via the contact e-mail address below. Contact our Technical service for more detailed information. Be sure to read the safety labels on the product packaging before use. Safety Data Sheet is available on request.</p>

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